



CorePro LED tube Universal T8



CorePro LEDtube UN 600mm HO 8W865 T8

The new Philips CorePro LEDtube Universal T8 brings simplicity to your lighting project. You can forget about the driver technology. Thanks to a unique design, the Philips CorePro LEDtube Universal T8 directly fits into luminaires operating either on Electro Magnetic ballasts, HF Electronic ballasts or mains power connections. So simple to operate and no need to carry double stock of products! Perfectly safe, reliable and easy to install, the Philips CorePro LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to save energy and reduce investment.

Product data

General Information		LLMF at end of nominal lifetime (nom.) 70 %	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Operating and Electrical	
EU RoHS compliant	Yes	Input frequency	50 to 60 Hz
Nominal lifetime (nom.)	30000 h	Power (Rated) (Nom)	8 W
Switching cycle	50,000X	Lamp current (nom.)	40 mA
Technical type	8-18W	Starting time (nom.)	0.5 s
	Sphere	Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.9
		Voltage (Nom)	220-240 V
		Temperature	
Light Technical		T-ambient (max.)	45 °C
Colour Code	865 [CCT of 6,500 K]	T-ambient (min.)	-20 °C
Beam Angle (Nom)	240 °	T storage (max.)	65 °C
Luminous flux (nom.)	900 lm	T storage (min.)	-40 °C
Colour designation	Cool Daylight	T-Case maximum (nom.)	45 °C
Correlated Colour Temperature (Nom)	6500 K		
Luminous efficacy (rated) (nom.)	112.00 lm/W		
Colour consistency	<6		
Colour rendering index (nom.)	80		

CorePro LED tube Universal T8

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	600 mm
Bulb shape	Tube, double-ended

Approval and Application

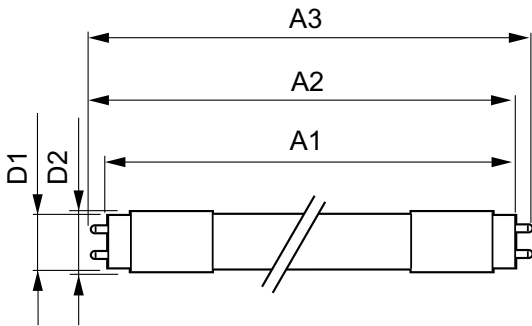
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance CE marking KEMA Keur certificate

Energy consumption kWh/1,000 hours	8 kWh
	403636

Product Data

Full product code	871869978281800
Order product name	CorePro LEDtube UN 600mm HO 8W865 T8
EAN/UPC – product	8718699782818
Order code	78281800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929002420002
SAP net weight (piece)	0.121 kg

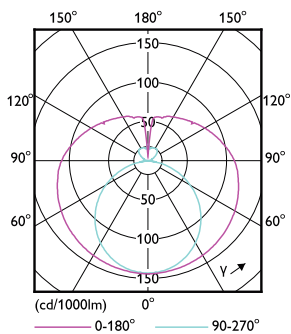
Dimensional drawing



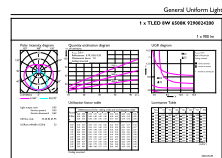
TLED 2ft 220-240V 8-18W 900lm 6500K G13

Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 600mm HO 8W865 T8	25.7 mm	28 mm	588.6 mm	595.7 mm	602.8 mm

Photometric data



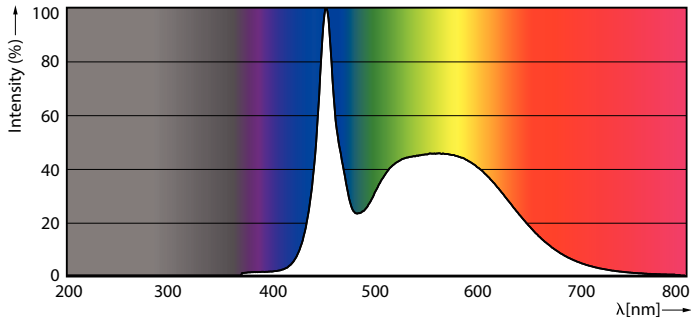
LEDtube 8W G13 900lm



LEDtube 8W G13 900lm 865

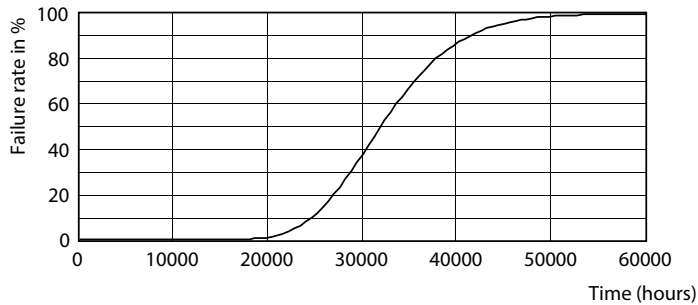
CorePro LED tube Universal T8

Photometric data

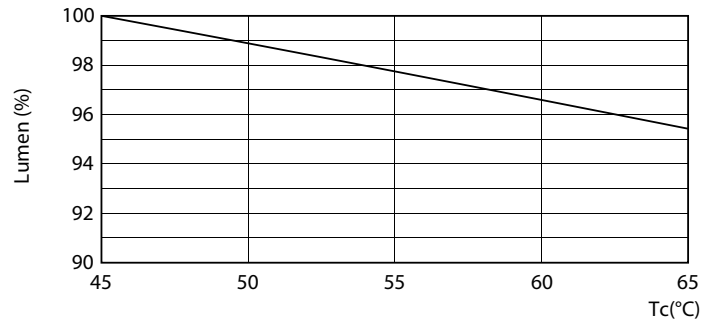


LEDtube 8W G13 900lm 865

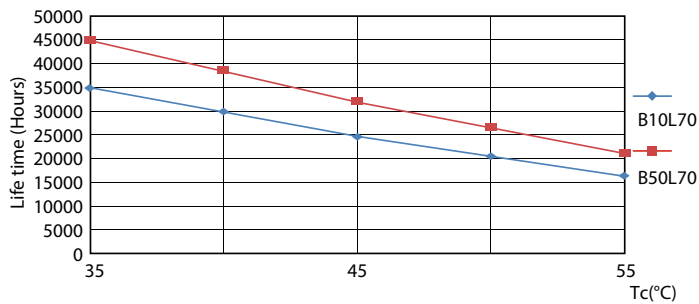
Lifetime



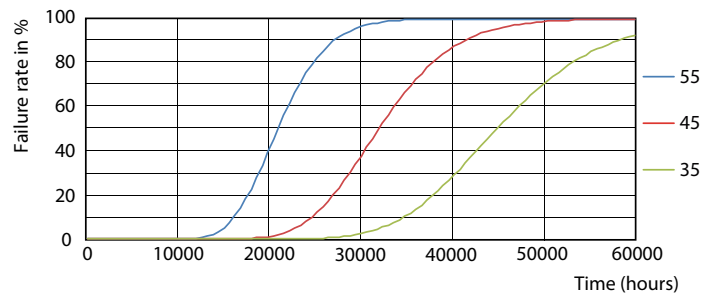
LEDtube 30K



LEDtube COR SLR 8W 30K LumenVsTc-LMP-LMP



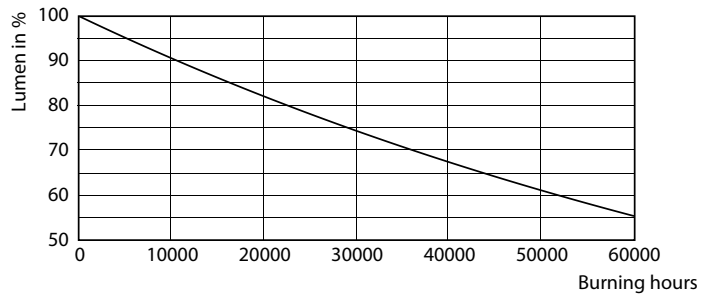
LEDtube COR SLR 8W 30K LifetimeVsTc-LED-LED



LEDtube COR SLR 8W 30K FailureRate-LED-LED

CorePro LED tube Universal T8

Lifetime



LEDtube 30K

